

III. *Descriptions of New Species of the Pierine genera Catantacta and Daptoneura.* By J. J. JOICEY, F.L.S., F.Z.S., and W. F. H. ROSENBERG, F.Z.S.

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PLATE X.

**Catantacta rosea**, sp. n. (Plate X, fig. 7.)

Near *C. uricocheae*, Feld., but wings emarginate.

Upperside :—Fore-wing smoky brown. A spot in the cell at its end; a median band of 6 spots from cellule 5 to the inner margin, the two first being the smallest; a submarginal row of 8 spots which are proximally sagittate. All these spots are yellowish-white, not pure white as in *C. uricocheae*.

Hind-wing smoky brown at extreme base, then pale rose pink, with a longitudinal yellowish-white streak in the cell. A median band of smoky brown which crosses the end of the cell, where it is broken by the pinkish colour which cuts off a spot in the cell end. The proximal edge of this band is straight and does not extend to the bases of cellules 3 and 5. A marginal band of smoky brown narrowly separated from the median band, the space between being pinkish with ill-defined narrow yellow spots placed longitudinally in 10 to 6, and invading the median band. A marginal row of rose-coloured spots.

Underside :—Fore-wing as above but spots reduced and yellower, and with a marginal row of pale yellow streaks joining the submarginal sagittate spots; the points of these latter are tipped with black. Hind-wing light chocolate-brown, with a narrow pale pink median band cutting the cell beyond the middle, and an ill-defined submarginal band of the same colour. Primrose-yellow streaks as follows :—one bordered with black and running the entire length of the centre of the cell and with a black spot before its end, two in 1c and one each in 2 to 7 all joining the marginal rosy spots; these streaks are bordered and tipped with black; a thick streak in 1a and one in 1b, joining the margin. A primrose-yellow spot lying at the end of a larger and quadrate black spot near the base of cellule 7. The yellow streaks in 1c, 6 and 7, cross the median band. Costal margin rosy near the base.

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Antennae, head and thorax black. Abdomen brownish-black with ventral surface yellow. Length of fore-wing 28 mm.

*Type*, ♂, Colombia, in the collection of Mr. J. Joicey, ex. coll. Grose-Smith.

***Catastieta fulva*, sp. n. (Plate X, fig. 3.)**

Allied to *incerta*, Dogn., but differs above in the deeper yellow colour and reduction of the markings. On the fore-wing a spot at the end of the cell; the spots of the discal band somewhat smaller than in *incerta*, the marginal spots vestigial. On the hind-wing the basal yellow of *incerta* is here reduced to a narrow band crossing the cell at its middle, the base being dark brown as the ground-colour. A distinct spot at the end of the cell. The submarginal spots are a little smaller than in *incerta* and the spot at the base of cellule 2 in *incerta* is here reduced to a slight powdering. The marginal spots are smaller than in *incerta*.

Underside:—Colour as in *incerta*. On the fore-wing a large double spot at end of cell, and a narrow yellow streak running from it to the base. Discal and marginal spots smaller than in *incerta*. On the hind-wing the dark band which crosses the cell at its end is darker than in *incerta*, its proximal edge being well defined. The apices of the submarginal silvery spots are shorter than in *incerta*, being much shortened in 1c and 2, the marginal spots are smaller. Length of fore-wing 23 mm.

*Type*, a ♂, in Collection Joicey, from Pozuzo, Peru, 5000–8000 ft. Adams Collection (British Museum), 4 specimens from Peru. Collection Rosenberg, 2 from Huanca-bamba, N.E. Peru.

***Catastieta huancabambensis*, sp. n. (Plate X, fig. 4.)**

♂. Upperside:—Dark-brown, discal band and submarginal spots tawny-yellow powdered with brown scales. Near *C. reducta*, Btl., from which it differs in the deeper yellow of the discal band and spots, in the narrower discal band of the fore-wing which is reduced to a row of oblong spots, in there being no yellow scaling within the cell, except an indistinct tawny-yellow spot at the distal end. The band of the hind-wing is reduced to a somewhat narrow discal band which crosses the cell at its middle; in *C. reducta* the yellow colour extends to the base of the wing. The submarginal spots of the hind-wing are sagittate as in *C. seitzii*, Lathy and Rosenberg, instead of round as in *reducta*, and there is a well-defined spot at end of cell.

Underside :—Much as in *reducta*, but the discal band on the fore-wing is again reduced and of a deeper yellow, which latter distinction applies also to the submarginal spots. A narrow yellow streak runs the length of the cell, when it joins a yellow spot corresponding to that on the upperside; this yellow streak is much obscured by brown scaling in some specimens. On the hind-wing the dark discal band is wider than in *C. reducta* and the submarginal white spots are reduced in size, otherwise there is little difference. Length of fore-wing 23 mm.

*Type* in Joicey Collection from Huancabamba, N. Peru. A series in Joicey Collection, 1 in Rosenberg Collection from the same locality; in Adams Collection (British Museum), 3 from Huancabamba, and 1 from La Merced, Peru, 2500 ft., 1904 (*Watkins and Tomlinson*).

***Catastieta grisea*, sp. n. (Plate X, fig. 5.)**

This strikingly distinct species comes near *C. strigosa*, Btl., but smaller and may be at once distinguished above by the absence of the submarginal row of streaks on the fore-wing, by the ground-colour of the wings above being dull black instead of brown, and by the colour in the cells and the striations or rays between the veins being bluish-grey instead of greenish-grey. The rays of the hind-wing are rounded distally in this species, but pointed in *strigosa*.

Underside :—Fore-wing dull black, no streak in the cell, but a double yellowish-white spot at the end. A median row of white spots, increasing in size towards the hind margin. A submarginal row of small sagittate markings, of which the four nearest the costa have the apices tipped with yellow. A marginal row of short yellow streaks. Hind-wing much as in *strigosa*, but ground-colour darker and yellow spots reduced. A well-marked median band of white spots crossed by yellow streaks. Two red spots at base as in *C. strigosa*. Length of fore-wing 22 mm.

*Type*, a ♂, Pozuzo, Peru, in the collection of J. J. Joicey. Two specimens in the Tring Museum from Chanchamayo and Cushi, Peru.

***Catastieta talboti*, sp. n. (Plate X, fig. 6.)**

Near *C. philone*, Feld., but ground-colour above lighter brown. Median band and submarginal spots on both wings white with a slight yellowish tinge, and slightly powdered with brown scales, especially on submarginal spots of hind-wing, these latter being

larger than in *philone*, wedge-shaped, and almost obscured by the brown scales. Submarginal spots on fore-wing rounder than in *philone*.

Below the spots on fore-wing are whitish instead of yellowish, and the submarginal row is straighter and closer to the discal spots than in *philone*. On the hind-wing the discal band is narrower and the submarginal silvery spots are less heavily margined with brown distally. Length of fore-wing 25 mm.

Abdomen more thickly scaled with whitish than in *philone*.

*Type*, without locality, in Joicey Collection, ex. Grose-Smith Collection. There are two specimens of this species in the Felder Collection under *C. philone*, bearing this name in Felder's writing and labelled "Bogota," but they do not agree with his type of *philone*, which is from Ecuador.

***Catasticta noakesi*, sp. n.** (Plate X, fig. 1.)

♂ near *C. fliza*, H.-S., but median bands on both wings broader and more clearly defined, and these bands as well as the submarginal and marginal rows of spots are pale yellow instead of white. The marginal spots are larger than in *C. fliza*, and there is a pale yellow spot at the end of cell in fore-wing. 28.5 mm.

Underside:—Median band of fore-wing white as in *C. fliza*, but spots composing it somewhat larger and more defined. A white triangular spot at end of cell, larger than the corresponding spot on upperside. Submarginal and marginal spots as in *C. fliza* but larger. Hind-wing, ground-colour somewhat darker than in *fliza*, so that the dark streaks between the nervules are not so apparent; the white median band is much wider and sharply defined, and the yellow streaks on that band are broader, the yellow colour predominating over the white. Length of fore-wing 28 mm.

♀. Upperside:—The median band and all spots deeper yellow than in the ♂, and submarginal spots on the fore-wing and the submarginal and marginal spots on the hind-wing are larger and rounder. The median band on both wings broader and the yellow spot at end of cell in fore-wing much larger.

Underside:—Fore-wing differs from the ♂ in median band and all spots being pale yellow and larger. Hind-wing as in ♂, but median band rather wider and submarginal and marginal spots rounder and somewhat larger. Shape of wings rounder than in ♂. Length of fore-wing 28 mm.

*Types* of ♂ and ♀ in the collection of J. J. Joicey, from Valdevia, Colombia, 1897 (*Pratt*).

